

§ 183.27

(2) The persons capacity in whole numbers must be black print with the following dimensions:

(i) The height must not be smaller than one-half inch;

(ii) The width of the numbers must be three-fifths of the height except for the number “4”, which shall be one stroke width wider, and the number “1”, which shall be one stroke in width;

(iii) The stroke width shall be one-sixth of the height; and

(iv) The minimum space between the numbers shall be one stroke width.

(3) The words in the line “XX Persons or XXX Pounds” must be at least one-quarter inch in height but not larger than one-half the height of the persons capacity number and of a color contrasting with yellow. The number of pounds in this line must be at least one-eighth inch in height but no larger than one-half the height of the persons capacity number and of a color contrasting with yellow.

(4) All remaining words and numbers required to be within the yellow area required in paragraph (c)(1) must be at least one-eighth inch in height, but no larger than one-half the height of the persons capacity number.

(5) All other words and numbers on the displays must be located outside the yellow area on a background color which contrasts with yellow.

(6) The words “Maximum Capacities” must be at least one-quarter inch in

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height and of color contrasting with its background.

(7) The words “U.S. Coast Guard” must be at least one-eighth inch in height and of color contrasting with its background.

[CGD 78–034, 45 FR 2029, Jan. 10, 1980]

§ 183.27 Construction of markings.

Each marking required by § 183.23 must be—

(a) Capable of withstanding the combined effects of exposure to water, oil, salt spray, direct sunlight, heat, cold, and wear expected in normal operation of the boat, without loss of legibility; and

(b) Resistant to efforts to remove or alter the information without leaving some obvious sign of such efforts.

[CGD 78–034, 45 FR 2030, Jan. 10, 1980]

Subpart C—Safe Loading

§ 183.31 Applicability.

This subpart applies to monohull boats less than 20 feet in length except sailboats, canoes, kayaks, and inflatable boats.

§ 183.33 Maximum weight capacity: Inboard and inboard-outdrive boats.

(a) The maximum weight capacity (W) marked on a boat that has one or more inboard or inboard-outdrive units for propulsion must not exceed the greater value of W obtained from either of the following formulas:

$$W = \frac{(\text{maximum displacement})}{5} - \frac{\text{boat weight}}{5} - \frac{4 (\text{machinery weight})}{5}$$

or

$$W = \frac{(\text{maximum displacement} - \text{boat weight})}{7}$$

(b) For the purposes of paragraph (a) of this section:

(1) “Maximum displacement” is the weight of the volume of water displaced by the boat at its maximum level immersion in calm water without water coming aboard. For the purpose

of this paragraph, a boat is level when it is transversely level and when either of the two following conditions are met:

(i) The forward point where the sheer intersects the vertical centerline plane